

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY DOCKET NUMBER

DC10031PCT (71,051-070)

U.S. APPLICATION NO (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/JP2005/004413**08 March 2005 (08.05.2005)****17 March 2004 (17.03.2004)**

TITLE OF INVENTION:

**METAL BASE CIRCUIT SUBSTRATE FOR AN OPTICAL DEVICE AND METHOD MANUFACTURING
THE AFOREMENTIONED SUBSTRATE**

APPLICATION(S) FOR DO/EO/US:

Kazumi NAKAYOSHI, Katsutoshi MINE and Akihiko KOBAYASHI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include Items (5), (6), (9) and (21) indicated below.
 4. ☐ The US had been elected (Article 31).
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
 6. ☐ An English language translation of the International Application into English (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
 7. ☐ Amendment to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made
 8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ A English language translation of the annex to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c) (5)).
 11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
 12. ☒ A copy of the International Search Report (PCT/ISA/210).
- Items 13 to 23 below concern other document(s) or information included:**
13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
 15. ☒ A **FIRST** preliminary amendment.
 16. ☒ An Application Data Sheet under 37 CFR 1.76.
 17. ☐ A substitute specification.
 18. ☐ A power of attorney and/or change of address letter.
 19. ☐ A computer-readable form of sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
 20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
 21. ☐ A second copy of the English Language translation of the international application under 35 U.S.C. 154(d)(4).
 22. ☐ Express Mail Label No. EV618892928
 23. ☐ Other items or information:

U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NO. PCT/JP2005/004413		ATTORNEY'S DOCKET NUMBER DC10031PCT (71,051-070)	
The following fees are submitted				<u>CALCULATIONS</u> <u>PTO USE</u> <u>ONLY</u>	
21	<input checked="" type="checkbox"/>	Basic national fee..... \$300.00		\$300.00	
22	<input checked="" type="checkbox"/>	Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0.00 All other situations..... \$200.00		\$200.00	
23	<input checked="" type="checkbox"/>	Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00		\$400.00	
TOTAL OF 21, 22 AND 23 =				\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets		Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole number)	
11 -100+		/50 =		X \$250	
				\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0.00	
CLAIMS		NUMBER FILED		NUMBER EXTRA	
Total claims		5 - 20 =		X \$ 50.00	
Independent claims		2 - 3 =		X \$200.00	
Multiple dependent claims(s) (if applicable)				+ \$360.00	
TOTAL OF ABOVE CALCULATION =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$900.00	
				Amount to be: refunded	\$
				Charged	\$
a. <input type="checkbox"/> A checks in the amount of \$_ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>08-2789</u> in the amount of <u>\$900.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>08-2789</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged t a credit card. WARNING: Information on this form may be become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: David M. LaPrairie HOWARD & HOWARD ATTORNEYS, P.C. Suite 101 39400 Woodward Avenue Bloomfield Hills, MI 48304-5151 (248) 645-1483 Customer No. 27305			/David M. LaPrairie/ SIGNATURE <u>David M. LaPrairie</u> Name <u>46,295</u> REGISTRATION NUMBER		
			<u>September 15, 2006</u> Date		